

Human Genetics

Volume 53 1979/80

Editorial Board

W. Lenz, Münster/W.
A. G. Motulsky, Seattle

F. Vogel, Heidelberg
U. Wolf, Freiburg i. Br.

Advisory Board

G. Anders, Groningen
H. Baitsch, Ulm
A. G. Bearn, Rahaway
H. Bickel, Heidelberg
N. P. Bochkov, Moscow
D. Bootsma, Rotterdam
K. H. Degenhardt, Frankfurt/Main
B. Dutrillaux, Paris
G. Flatz, Hannover
U. Francke, New Haven
W. Fuhrmann, Giessen
H. Grüneberg, London
P. S. Jacobs, Honolulu
W. Jaeger, Heidelberg
D. Klein, Genève

W. Krone, Ulm
H. Lehmann, Cambridge
V. A. McKusick, Baltimore
M. Mikkelsen, Glostrup
O. J. Miller, New York
H. Nachtsheim, Boppard
E. Passarge, Essen
H. Ritter, Tübingen
D. F. Roberts, New Castle/Tyne
W. Schmid, Zürich
U. W. Schnyder, Heidelberg
W. J. Schull, Houston
H. G. Schwarzacher, Wien
C. Stern, Berkeley



Springer International

Human Genetics

Human Genetics was founded in 1964 and published up to Vol. 30 as Humangenetik—Human Genetics—Génétique humaine

The exclusive copyright for all languages and countries, including the right for photomechanical and any other reproduction, also in microform, is transferred to the publisher.

The use in this journal of registered or trade names, trademarks etc. without special acknowledgement does not imply that such names, as defined by the relevant protection laws, may be regarded as unprotected and thus free for general use.

Authors of this journal can benefit from library and photocopy fees collected by VG WORT if certain conditions are met. If an author lives in the Federal Republic of Germany or in West Berlin it is recommended that he contacts Verwertungsgesellschaft WORT, Abteilung Wissenschaft, Goethestrasse 49, D-8000 München 2, for detailed information.

Die in der Zeitschrift veröffentlichten Beiträge sind urheberrechtlich geschützt. Alle Rechte, insbesondere das der Übersetzung in fremde Sprachen, vorbehalten. Kein Teil dieser Zeitschrift darf ohne schriftliche Genehmigung des Verlages in irgendeiner Form — durch Fotokopie, Mikrofilm oder andere Verfahren — reproduziert oder in eine von Maschinen, insbesondere von Datenverarbeitungsanlagen, verwendbare Sprache übertragen werden.

Auch die Rechte der Wiedergabe durch Vortrag, Funk- und Fernsehsendung, im Magnettonverfahren oder ähnlichem Wege bleiben vorbehalten.

Fotokopien für den persönlichen und sonstigen eigenen Gebrauch dürfen nur von einzelnen Beiträgen oder Teilen daraus als Einzelkopien hergestellt werden. Jede im Bereich eines gewerblichen Unternehmens hergestellte oder benützte Kopie dient gewerblichen Zwecken gem. § 54 (2) UrhG und verpflichtet zur Gebührenzahlung an die VG WORT, Abteilung Wissenschaft, Goethestraße 49, D-8000 München 2, von der die einzelnen Zahlungsmodalitäten zu erfragen sind.

Autoren dieser Zeitschrift können unter gewissen Voraussetzungen in die Individualausschüttung von Mitteln aus der Bibliothekantieme und dem Fotokopieraufkommen mit einbezogen werden. Genaue Informationen erteilt die Verwertungsgesellschaft WORT, Abteilung Wissenschaft, Goethestraße 49, D-8000 München 2.

Die Wiedergabe von Gebrauchsnamen, Handelsnamen, Warenbezeichnungen usw. in dieser Zeitschrift berechtigt auch ohne besondere Kennzeichnung nicht zu der Annahme, daß solche Namen im Sinne der Warenzeichen- und Markenschutz-Gesetzgebung als frei zu betrachten wären und daher von jedermann benutzt werden dürften.

Springer-Verlag Berlin · Heidelberg · New York

Printed in Germany by J. P. Peter, Gebr. Holstein, Rothenburg ob der Tauber

© by Springer-Verlag Berlin · Heidelberg 1979/80

Contents

Altland, K., Kaempfer, M., Granda, H.: Improved Screening Test for Abnormal Hemoglobins from Dried Blood Samples (Orig. Invest.)	97
Amorim, A., Siebert, G., Ritter, H., Kömpf, J.: Formal Genetics of Phosphoglycolate Phosphatase (PGP): Investigation on 272 Mother-Child Pairs (Short Comm.)	419
Amorim, A., s. Siebert, G., et al.	421
Anderson, R. S., s. Wyandt, H. E., et al.	211
Anders, G. J. P. A., s. Buys, C. H. C. M., et al.	125
Ardissone, J. P., s. Mattei, J. F., et al.	315
Arrighi, F. E., s. Hens, L., et al.	363
Auconi, P., s. Massi, G., et al.	91
Azevêdo, E., s. Krieger, H., et al.	415
Bagnolli, V. R., s. Moreira-Filho, C. A., et al.	51
Bajolle, F., s. Teyssier, J. R.	195
Balakirev, S. A., s. Prigogina, E. L., et al.	5
Baro, F., s. Cassiman, J. J., et al.	75
Battin, J., s. Chamla, Y., et al.	249
Bellemans, J., s. Cassiman, J. J., et al.	75
Bender, K., Burckhardt, K., Schroetter, K.: Exclusion of the Localization <i>Gm, Pi</i> and <i>C3</i> Genes on 6q25→6qter Through Blood Group Analysis of the Patients of Schmid, D'Apuzzo and Rossi (Hum. Genet. 46, 279—284, 1979) (Letter to the Editors)	129
Berger, A. L., s. Kardon, N. B., et al.	161
Berger, R., Bernheim, A., Weh, H.-J., Flandrin, G., Daniel, M.-T. Brouet, J.-C., Colbert, N.: A New Translocation in Burkitt's Tumor Cells (Short Comm.)	111
Berghe, H. van den, s. Cassiman, J. J., et al.	75
Berghe, H., van den, s. Fryns, H., et al.	279
Bernheim, A., s. Berger, R., et al.	111
Berranger, P., de, s. Deybach, J. Ch., et al.	217
Biederman, B. M., Lin, C. C., Lowry, R. B., Somerville, R.: Tertiary Trisomy (22q11q),47,+der(22),t(11;22) (Orig. Invest.)	173
Biró, T., s. Pap, Z., et al.	309
Bisi, H., s. Moreira-Filho, C. A., et al.	51
Blenkers-Platter, J. A. M., s. Buys, C. H. C. M., et al.	125
Bois, E., s. Tchen, P., et al.	229
Boué, A., s. Couillin, P., et al.	389
Boué, A., s. Deybach, J. Ch., et al.	217
Boué, J., s. Couillin, P., et al.	389
Boué, J., s. Deybach, J. Ch., et al.	217
Borkent-Ypma, J. M. M., s. Buys, C. H. C. M., et al.	125
Broek, W. G. M., van den, s. Dijkman, J. H., et al.	409
Broekman, A., s. Kardon, N. B., et al.	161
Brouet, J.-C., s. Berger, R., et al.	111
Brun, H., s. Vergnes, H.	43
Burckhardt, K., s. Bender, K., et al.	129
Buskjær, L., s. Petersen, G. B., et al.	31
Buys, C. H. C. M., Anders, G. J. P. A., Borkent-Ypma, J. M. M., Blenkers-Platter, J. A. M., van der Hoek-van der Veen, A. Y.: Familial Transmission of a Translocation Y/14 (Clinical Case Report)	125
Cain, R., s. McDermott, A., et al.	305
Calabro, A., Serena Lungarotti, M., Dallapiccola, B.: A Comment on the Paper: Recurrence of Down Syndrome Associated with Microchromosome (Letter to the Editors)	287
Cassiman, J. J., Verlinden, J., Vlietinck, R. F., Bellemans, J., Van Leuven, F., Deroover, J., Baro, F., Van den Berghe, H.: Qualitative and Quantitative Study of the Growth and Cell Surface Properties of Huntington's Disease Fibroblasts and Age-Matched Controls. Lack of Significant Differences (Orig. Invest.)	75
Chamberlin, J., Magenis, R. E.: Parental Origin of <i>de novo</i> Chromosome Rearrangements (Orig. Invest.)	343
Chamla, Y., Roumy, M., Lassègues, M., Battin, J.: Altered Sensitivity to Colchicine and PHA in Human Cultured Cells (Orig. Invest.)	249
Chavin-Colin, F., s. Turleau, C., et al.	299
Chen, H., Gershanik, J. J., Mailhes, J. B., Sanusi, I. D.: Omphalocele and Partial Trisomy 1q Syndrome (Orig. Invest.)	1
Chen, H., s. Mailhes, J. B., et al.	57
Chiyo, H., s. Hashimoto, T., et al.	145
Coignet, J., s. Mattei, J. F., et al.	315
Colbert, N., s. Berger, R., et al.	111
Coll, M. D., s. Templado, C., et al.	335
Comings, D. E.: Arrangement of Chromatin in the Nucleus (Review Article)	131
Couillin, P., Kottler-Missonnier, M. L., Grisard, M. C., Hors, J., Feingold, J., Boué, J., Boué, A.: HLA-A,B,C, DR Alleles in Congenital Adrenal Hyperplasia (Orig. Invest.)	389
Crisponi, G., s. Garau, A., et al.	165
Croce, C. M., s. D'Ancona, G. G.,	17
Crossen, P. E., Morgan, W. F.: Sister Chromatid Exchange in Cigarette Smokers (Short Comm.)	425
Crossen, P. E., Morgan, W. F.: Lymphocyte Proliferation in Down's Syndrome Measured by Sister Chromatid Differential Staining (Orig. Invest.)	311
Czajkowska, A., s. Walter, Z., et al.	375
Dallapiccola, B., s. Calabro, A., et al.	287
D'Ancona, G. G., Croce, C. M.: Segregation of Rat Chromosomes in Somatic Cell Hybrids Between Rat Cells and HT 1080 Human Fibrosarcoma Cells (Orig. Invest.)	17
Dalprà, L., s. Lernia, R. Di., et al.	237
Daniel, M.-T., s. Berger, R., et al.	111
Davis, J. G., s. Kardon, N. B., et al.	161
Deroover, J., s. Cassiman, J. J., et al.	75
Deybach, J. Ch., Grandchamp, B., Grelier, M., Nordmann, Y., Boué, J., Boué, A., Berranger, P. de: Prenatal Exclusion of Congenital Erythropoietic Porphyria (Günther's Disease) in a Fetus at Risk (Orig. Invest.)	217
Dijkman, J. H., Penders, T. J., Kramps, J. A., Sonderkamp, H. J. A., Broek, W. G. M. van den, Haar, B. G. A. ter: Epidemiology of Alpha ₁ -Antitrypsin Deficiency in the Netherlands (Orig. Invest.)	409
Dill, F. J., s. Jacky, P. B.	267
Downey, H. M., s. Yu, C. W., et al.	149
Egozcue, J., s. Miró, R., et al.	179
Egozcue, J., s. Templado, C., et al.	335
Eguchi, M., s. Kaibara, N., et al.	37
Engel, W., s. Epplen, J. T., et al.	393
Epplen, J. T., Engel, W., Schmidtke, J.: Patterns of Cyclic AMP Phosphodiesterases During Rat Testis Development (Orig. Invest.)	393
Fabiano, A., s. Massi, G., et al.	91
Fagerhol, M. K., s. Wilson Cox, D., et al.	429

Feingold, J., s. Couillin, P., et al.	389	Herha, J., s. Madle, S., et al.	357
Fernández-Novoa, C., Hevia, A., Martínez, J. J., San Martín, V., Galera, H.: Trisomy 13 in a 4-Year-Old Child (Orig. Invest.)	297	Hermabessière, J., s. Geneix, A., et al.	327
Finlayson, B., s. Gershwin, M. E., et al.	113	Herman, F., s. Fryns, H., et al.	279
Flandrin, G., s. Berger, R., et al.	111	Hesselbjerg, U., Friedrich, U.: Pericentric Inversion in Chromosome No. 2 as a De Novo Mutation (Clinical Case Report)	117
Fleischman, E. W., s. Prigogina, E. L., et al.	5	Hevia, A., s. Fernández-Novoa, C., et al.	297
Fortuin, J. J. H., Kleijer, W. J.: Hybridization Studies of Fibroblasts from Hurler, Scheie, and Hurler/Scheie Compound Patients: Support for the Hypothesis of Allelic Mutants (Orig. Invest.)	155	Hoek-van der Veen, A. Y. van der, s. Buys, C. H. C. M., et al.	125
Fowler, W. M. Jr., s. Gershwin, M. E., et al.	113	Hoeksema, H. L., De Wit, J., Westerveld, A.: The Genetic Defect in the Various Types of Human β -Galactosidase Deficiency (Orig. Invest.)	241
Frenkel, M. A., s. Prigogina, E. L., et al.	5	Hoo, J. J., s. Parslow, M., et al.	323
Friedrich, U., s. Hesselbjerg, U.	117	Hors, J., s. Couillin, P., et al.	389
Frota-Pessoa, O., s. Moreira-Filho, C. A., et al.	51	Howell, R., s. McDermott, A., et al.	305
Fryns, H., Goddeeris, P., Moerman, F., Herman, F., Berghe, H. van den: The Tetraphocomelia-Cleft Palate Syndrome in Identical Twins (Clinical Case Report)	279	Hozier, J. C., Lindquist, L. L.: Banded Karyotypes from Bone Marrow: A Clinical Useful Approach (Orig. Invest.)	205
Furuyama, J., s. Hashimoto, T., et al.	145	Hustinx, T. W. J., s. Scheres, J. M. J. C., et al.	255
Galera, H., s. Fernández-Novoa, C., et al.	297	Jacky, P. B., Dill, F. J.: Expression in Fibroblast Culture of the Satellited-X Chromosome Associated with Familial Sex-linked Mental Retardation (Short Comm.)	267
Garau, A., Crisponi, G., Peretti, D., Vanni, R., Zuffardi, O.: Trisomy 16q21 \rightarrow qter (Orig. Invest.)	165	Jaffray, J.-Y., s. Geneix, A., et al.	327
Garry, M., s. Parslow, M., et al.	323	Jehan, S., s. Teng, Y.-S., et al.	87
Geneix, A., Lécher, P., Jaffray, J.-Y., Lagarde, N., Hermabessière, J.: Etude préliminaire de stades de la méiose humaine dans les spermatocytes et les ovocytes (Orig. Invest.)	327	Jenkins, M., Stady, C.: Dominant Inheritance of Cleft of the Soft Palate (Orig. Invest.)	341
Gershanik, J. J., s. Chen, H., et al.	1	Johnson, A. M., s. Wilson Cox, D., et al.	429
Gershwin, M. E., Taylor, R. G., Fowler, W. M. Jr., Finlayson, B.: Failure to Demonstrate Abnormal Lymphocyte Capping in Humans, Mice and Hamsters with Muscular Dystrophy (Short Comm.)	113	Kaempfer, M., s. Altland, K., et al.	97
Ginelli, E., s. Lerner, R. Di., et al.	237	Käosaar, M., Mikelsaar, A.-V.: Partial Short Arm Deletion of the X Chromosome 46,X,del(X)(qter \rightarrow p21:) (Clinical Case Report)	275
Giraud, F., s. Mattei, J. F., et al.	315	Kagan, A., s. Morton, N. E., et al.	261
Goddeeris, P., s. Fryns, H., et al.	279	Kahn, A., s. Vives-Corrons, J. L., et al.	401
Gosden, J. R., s. Lawrie, S. S., et al.	371	Kaibara, N., Eguchi, M., Shibata, K., Takagishi, K.: Hurler-Scheie Phenotype: A Report of Two Pairs of Inbred Sibs (Orig. Invest.)	37
Grafton, W. D., s. Mailhes, J. B., et al.	57	Kajii, T., s. Niikawa, N., et al.	285
Granda, H., s. Altland, K., et al.	97	Kardon, N. B., Davis, J. G., Berger, A. L., Broekman, A.: Incidence of Chromosomal Rearrangements in Couples with Reproductive Loss (Orig. Invest.)	161
Grandchamp, B., s. Deybach, J. Ch., et al.	217	Khvatova, N. V., s. Prigogina, E. L., et al.	5
Grelier, M., s. Deybach, J. Ch., et al.	217	Kirsch-Volders, M., s. Hens, L., et al.	363
Grisard, M. C., s. Couillin, P., et al.	389	Kleijer, W. J., s. Fortuin, J. J. H.	155
Grouchy, J. de, s. Turleau, C., et al.	299	Kömpf, J., s. Amorim, A., et al.	419
Grundmann, H. P., s. Meyer, J. Ch., et al.	115	Kömpf, J., s. Siebert, G., et al.	421
Grzeschik, K.-H.: Assignment of a Structural Gene for a Fourth Human Diaphorase (DIA4) to Chromosome 16 in Man-Mouse Somatic Cell Hybrids (Orig. Invest.)	189	Kottler-Missonnier, M. L., s. Couillin, P., et al.	389
Grzeschik, K.-H., s. Kuhl, P., et al.	47	Kozioł, P., Stepień, J.: Atypical Segregation of Esterase D: Evidence of a Rare "Silent" Allele <i>EsD</i> ⁰ (Orig. Invest.)	223
Gulbrandsen, C. L., s. Morton, N. E., et al.	261	Kramps, J. A., s. Dijkman, J. H., et al.	409
Haar, B. G. A. ter, s. Dijkman, J. H., et al.	409	Krieger, H., Morton, N. E., Rao, D. C., Azevêdo, E.: Familial Determinants of Blood Pressure in Northeastern Brazil (Orig. Invest.)	415
Happle, R.: X-Linked Dominant Chondrodysplasia Punctata. Review of Literature and Report of a Case (Orig. Invest.)	65	Kuhl, P., Olek, K., Wardenbach, P., Grzeschik, K.-H.: Assignment of a Gene for Human Quinoid-Dihydropteridine Reductase (QDPR, EC 1.6.5.1) to Chromosome 4 (Orig. Invest.)	47
Hashimoto, T., Tsukino, R., Chiyo, H., Furuyama, J.: Reciprocal Translocation t(5;6)(p13;q27) Through Three Generations: Case Report of cri du chat Syndrome (Orig. Invest.)	145	Kulagina, O. E., s. Prigogina, E. L., et al.	5
Hecht, F., s. Wyandt, H. E., et al.	211	Lagarde, N., s. Geneix, A., et al.	327
Hens, L., Kirsch-Volders, M., Arrighi, F. E., Susanne, C.: Relationship Between Measured Chromosome Distribution Parameters and Ag-Staining of the Nucleolus Organizer Regions (Orig. Invest.)	363	Lamm, L. U., s. Petersen, G. B., et al.	31
Herfert, J., Wienker, T. F., Ropers, H. H.: The Presence of Androgen-binding Receptors in Genital and Non-genital Skin Fibroblasts (Short Comm.)	271	Lasségués, M., s. Chamla, Y., et al.	249

Lawrie, S. S., Gosden, J. R.: The Identification of Human Chromosomes by Quinacrine Fluorescence after Hybridisation In situ (Orig. Invest.)	371
Lécher, P., s. Geneix, A., et al.	327
Leonard, P., s. Sutherland, G. R.	29
Lernia, R. Di, Riva, M. L., Dalprà, L., Ginelli, E.: Satellite Associations and Silver Staining in a Case of Multiple G and D Variants (Orig. Invest.)	237
Leroy, J. G., s. Tandt, W. R. Den	383
Leuven, F. Van, s. Cassiman, J. J., et al.	75
Lie-Injo, L. E., s. Teng, Y.-S., et al.	87
Lin, C. C., s. Biederman, B. M., et al.	173
Lindquist, L. L., s. Hozier, J. C.	205
Lipecka, K., s. Walter, Z., et al.	375
Lowry, R. B., s. Biederman, B. M., et al.	173
Madahar, C., s. Qazi, Q. H., et al.	201
Madan, K., Schoemaker, J.: XY Females with Enzyme Deficiencies of Steroid Metabolism. A Brief Review (Review Article)	291
Madle, S., Obe, G., Schroeter, H., Herha, J., Pietzcker, A.: Possible Mutagenicity of the Psychoactive Phenothiazine Derivative Perazine In vivo and In vitro (Orig. Invest.)	357
Magenis, R. E., s. Chamberlin, J.	343
Mailhes, J. B., Pittaway, D. E., Rary, J., Chen, H., Grafton, W. D.: H-Y Antigen-Positive Male Pseudohermaphroditism with 45,X/46,XYq-Mosaicism (Orig. Invest.)	57
Mailhes, J. B., s. Chen, H., et al.	1
Majakova, S. A., s. Prigogina, E. L., et al.	5
Marie, J., s. Vives-Corrons, J. L., et al.	401
Marina, S., s. Miró, R., et al.	179
Marina, S., s. Templado, C., et al.	335
Martínez, J. J., s. Fernández-Novoa, C., et al.	297
Massi, G., Fabiano, A., Ragusa, D., Auconi, P.: Characterization of Alpha-1-Antitrypsin by Isoelectric Focusing on an Ultrathin Polyacrylamide Gel Layer. An Economic High-Resolution System for Determining PiM Subtypes (Orig. Invest.)	91
Mattei, J. F., Mattei, M. G., Ardisson, J. P., Coignet, J., Giraud, F.: Clinical, Enzyme, and Cytogenetic Investigations in Three New Cases of Trisomy 8p (Orig. Invest.)	315
Mattei, M. G., s. Mattei, J. F., et al.	315
Matsuda, I., s. Niikawa, N., et al.	285
McDermott, A., Cain, R., Howell, R.: Partial Monosomy of Long Arm of Chromosome 4 due to Interstitial Deletion (Orig. Invest.)	305
McGregor, I. A., s. Welch, S. G., et al.	233
Merkx, G. F. M., s. Scheres, J. M. J. C., et al.	255
Meyer, J. Ch., Weiss, H., Grundmann, H. P., Würsch, T. G., Schnyder, U. W.: Deficiency of Arylsulfatase C in Cultured Skin Fibroblasts of X-linked Ichthyosis (Short Comm.)	115
Mikelsaar, A.-V., s. Käosaar, M.	275
Miró, R., Templado, C., Ponsá, M., Serradell, J., Marina, S., Egozcue, J.: Balanced Translocation (10;13) in a Father, Ascertained Through the Study of Meiosis in Semen, and Partial Trisomy 10q in his Son. Characterization of the Region Responsible for the Partial Trisomy 10q Syndrome (Orig. Invest.)	179
Moerman, F., s. Frýns, H., et al.	279
Moreira-Filho, C. A., Toledo, S. P. A., Bagnolli, V. R., Frota-Pessoa, O., Bisi, H., Wajntal, A.: H-Y Antigen in Swyer Syndrome and the Genetics of XY Gonadal Dysgenesis (Orig. Invest.)	51
Morgan, W. F., s. Crossen, P. E.	311
Morgan, W. F., s. Crossen, P. E.	425
Morton, N. E., Gulbrandsen, C. L., Rao, D. C., Rhoads, G. G., Kagan, A.: Determinants of Blood Pressure in Japanese-American Families (Orig. Invest.)	261
Morton, N. E., s. Krieger, H., et al.	415
Nakagome, Y.: On the New Policy for Reports on Chromosomal Anomalies (Letter to the Editors)	427
Nakagome, Y., Suzuki, Y.: Reply to the Letter of Prieto et al. Concerning our Paper on a Case of 13q;18q Translocation (Letter to the Editors)	283
Neel, J. V., s. Tchen, P., et al.	229
Niikawa, N., Matsuda, I., Ohsawa, T., Kajii, T.: Acro-dysostosis and Blue Eyes (Letter to the Editors)	285
Nordmann, Y., s. Deybach, J. Ch., et al.	217
Obe, G., s. Madle, S., et al.	357
Ohsawa, T., s. Niikawa, N., et al.	285
Olek, K., s. Kuhl, P., et al.	47
Panich, V.: Glucose-6-Phosphate Dehydrogenase in Thailand. The Occurrence of Three Electrophoretic Variants among 1157 Nondeficient Males (Orig. Invest.)	227
Pap, Z., Biró, T., Szabó, L., Papp, Z.: Syndrome of Lymphoedema and Distichiasis (Orig. Invest.)	309
Papp, Z., s. Pap, Z., et al.	309
Parslow, M., Hoo, J. J., Garry, M., Rose, F.: A Deleted Extra Chromosome 22 Identified by DNA Replication Banding (Orig. Invest.)	323
Patil, S. R., s. Wyandt, H. E., et al.	211
Penders, T. J., s. Dijkman, J. H., et al.	409
Peretti, D., s. Garau, A., et al.	165
Petersen, G. B., Sørensen, I. J., Buskjaer, L., Lamm, L. U.: Genetic Studies of Complement C4 in Man (Orig. Invest.)	31
Peterson, I. S., s. Prigogina, E. L., et al.	5
Pickup, V. L., s. Reeves, B. R.	349
Pietzcker, A., s. Madle, S., et al.	357
Pittaway, D. E., s. Mailhes, J. B., et al.	57
Ponsá, M., s. Miró, R., et al.	179
Priest, J. H., s. Yu, C. W., et al.	149
Prigogina, E. L., Fleischman, E. W., Puchkova, G. P., Kulagina, O. E., Majakova, S. A., Balakirev, S. A., Frenkel, M. A., Khvatova, N. V., Peterson, I. S.: Chromosomes in Acute Leukemia (Orig. Invest.)	5
Puchkova, G. P., s. Prigogina, E. L., et al.	5
Pujades, M. A., s. Vives-Corrons, J. L., et al.	401
Qazi, Q. H., Madahar, C., Yuceoglu, A. M.: Temporary Increase in Chromosome Breakage in an Infant Prenatally Exposed to Lead (Orig. Invest.)	201
Ragusa, D., s. Massi, G., et al.	91
Rao, D. C., s. Krieger, H., et al.	415
Rao, D. C., s. Morton, N. E., et al.	261
Rary, J., s. Mailhes, J. B., et al.	57
Reeves, B. R., Pickup, V. L.: The Chromosome Changes in Non-Burkitt Lymphomas (Orig. Invest.)	349
Rhoads, G. G., s. Morton, N. E., et al.	261
Ritter, H., s. Amorim, A., et al.	419
Riva, M. L., s. Lernia, R. Di., et al.	237
Ropers, H. H., s. Herfert, J., et al.	271
Rose, F., s. Parslow, M., et al.	323
Roth, M. P., s. Stoll, C.	303
Roumy, M., s. Chamla, Y., et al.	249

Salzano, F. M., s. Schneider, H.	101	Ethnic Chinese and Indians of West Malaysia (Orig. Invest.)	87
San Martín, V., s. Fernández-Novoa, C., et al.	297	Teyssier, J. R., Bajolle, F.: Duplication-Deficiency of Chromosome 18, Resulting from Recombination of a Paternal Pericentric Inversion, with a Note for Genetic Counselling (Orig. Invest.)	195
Sanusi, I. D., s. Chen, H., et al.	1	Tönz, O., s. Schinzel, A.	121
Scheres, J. M. J. C., Hustinx, T. W. J., Merckx, G. F. M.: Nomarski-Optical Studies of Human Chromosomes R-Banded with Barium Hydroxide (Orig. Invest.)	255	Toledo, S. P. A., s. Moreira-Filho, C. A., et al.	51
Schinzel, A.: Trisomy 20pter→q11 in a Malformed Boy from a t(13;20)(p11;q11) Translocation-Carrier Mother (Orig. Invest.)	169	Turleau, C., Chavin-Colin, F., Grouchy, J. de: A 45,X Male with Translocation of Euchromatic Y Chromosome Material (Orig. Invest.)	299
Schinzel, A., Tönz, O.: Partial Trisomy 7q and Probable Partial Monosomy of 5p in the Son of a Mother with a Reciprocal Translocation Between 5q and 7q (Clinical Case Report)	121	Tsukino, R., s. Hashimoto, T., et al.	145
Schmid, M.: Demonstration of Y/Autosomal Translocations Using Distamycin A (Short Comm.)	107	Vanni, R., s. Garau, A., et al.	165
Schmidtke, J., s. Epplen, J. T., et al.	393	Vergnes, H., Brun, H.: Characterization of Some Erythrocyte G6PD Variants by Isoelectric Focusing (Orig. Invest.)	43
Schneider, H., Salzano, F. M.: Gm Allotypes and Racial Admixture in Two Brazilian Populations (Orig. Invest.)	101	Verlinden, J., s. Cassiman, J. J., et al.	75
Schnyder, U. W., s. Meyer, J. Ch., et al.	115	Vives-Corrons, J. L., Marie, J., Pujades, M. A., Kahn, A.: Hereditary Erythrocyte Pyruvate-Kinase (PK) Deficiency and Chronic Hemolytic Anemia: Clinical, Genetic and Molecular Studies in Six New Spanish Patients (Orig. Invest.)	401
Schoemaker, J., s. Madan, K.	291	Vlietinck, R. F., s. Cassiman, J. J., et al.	75
Schroeter, H., s. Madle, S., et al.	357	Wajntal, A., s. Moreira-Filho, C. A., et al.	51
Schroetter, K., s. Bender, K., et al.	129	Walter, Z., Czajkowska, A., Lipecka, K.: Effect of Malathion on the Genetic Material of Human Lymphocytes Stimulated by Phytohemagglutinin (PHA)	375
Séger, J., s. Tchen, P., et al.	229	Wardenbach, P., s. Kuhl, P., et al.	47
Serena Lungarotti, M., s. Calabro, A., et al.	287	Weh, H.-J., s. Berger, R., et al.	111
Serradell, J., s. Miró, R., et al.	179	Weiss, H., s. Meyer, J. Ch., et al.	115
Shibata, K., s. Kaibara, N., et al.	37	Welch, S. G., McGregor, I. A., Williams, K.: α_1 -Antitrypsin (Pi) Phenotypes in a Village Population from The Gambia, West Africa. Evidence of a New Variant Occurring at a Polymorphic Frequency (Orig. Invest.)	233
Siebert, G., Amorim, A., Kömpf, J.: Human Phosphoglycolate Phosphatase (PGP) E.C. 3.1.3.18: Linkage Analysis (Short Comm.)	421	Westerveld, A., s. Hoeksema, H. L., et al.	241
Siebert, G., s. Amorim, A., et al.	419	Wienker, T. F., s. Herfert, J., et al.	271
Somerville, R., s. Biederman, B. M., et al.	173	Williams, K., s. Welch, S. G., et al.	233
Sonderkamp, H. J. A., s. Dijkman, J. H., et al.	409	Wilson Cox, D., Johnson, A. M., Fagerhol, M. K.: Report of Nomenclature Meeting for α_1 -Antitrypsin. INSERM, Rouen/Bois-Guillaume—1978	429
Sørensen, I. J., s. Petersen, G. B., et al.	31	Wit, J. De, s. Hoeksema, H. L., et al.	241
Stady, C., s. Jenkins, M.	341	Würsch, T. G., s. Meyer, J. Ch., et al.	115
Stępień, J., s. Koziół, P.	223	Wyandt, H. E., Anderson, R. S., Patil, S. R., Hecht, F.: Mechanisms of Giemsa Banding. II. Giemsa Components and Other Variables in G-Banding (Orig. Invest.)	211
Stoll, C., Roth, M. P.: Partial 4q Duplication due to Inherited der(13),t(4;13)(q26;q34)mat in a Girl with a Deficiency of Factor X (Orig. Invest.)	303	Yanagisawa, S.: Structural Abnormalities of the Y Chromosome and Abnormal External Genitals (Orig. Invest.)	183
Susanne, C., s. Hens, L., et al.	363	Yu, C. W., Downey, H. M., Priest, J. H.: Densitometric and Visual Measurements of Human Chromosome 21 (Orig. Invest.)	149
Sutherland, G. R.: Heritable Fragile Sites on Human Chromosomes. III. Detection of fra(X)(q27) in Males with X-Linked Mental Retardation and in Their Female Relatives (Orig. Invest.)	23	Yuceoglu, A. M., s. Qazi, Q. H., et al.	201
Sutherland, G. R., Leonard, P.: Heritable Fragile Sites on Human Chromosomes. IV. Silver Staining (Orig. Invest.)	29	Zuffardi, O., s. Garau, A., et al.	165
Suzuki, Y., s. Nakagome, Y.	283	Announcements:	289, 435
Szabó, L., s. Pap, Z., et al.	309	Cases Observed:	289
Takagishi, K., s. Kaibara, N., et al.	37		
Tandt, W. R. Den, Leroy, J. G.: Deficiency of Neuraminidase in the Sialidoses and the Mucopolidoses (Orig. Invest.)	383		
Taylor, R. G., s. Gershwin, M. E., et al.	113		
Tchen, P., Séger, J., Bois, E., Neel, J. V.: Is There a PGM ₁ 4 Allele Specific to Amerindian Populations? (Orig. Invest.)	229		
Templado, C., Marina, S., Coll, M. D., Egozcue, J.: Meiotic Studies in Human Semen. Report of 180 Cases (Orig. Invest.)	335		
Templado, C., s. Miró, R., et al.	179		
Teng, Y.-S., Jehan, S., Lie-Injo, L. E.: Human Alcohol Dehydrogenase ADH ₂ and ADH ₃ Polymorphisms in			